

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A backlight module, comprising:

a stack assembly including a supporting frame, a reflecting plate and a light guiding plate, wherein said supporting frame ~~being provided with~~ includes at least one engaging element and two opposite side walls with a recess at each end thereof, and wherein said reflecting plate and said light guiding plate are placed between said side walls;
at least one optical film placed on said stack assembly;
at least one lamp assembly accommodated at one side portion of said light guiding plate; and

at least one side fixing frame disposed at [[the]] a side of said stack assembly where said lamp assembly is accommodated, wherein said side fixing frame ~~being provided with~~ includes a groove for containing said lamp assembly and claiming said stack assembly, at least one counterpart of said engaging element engaged with said engaging element, and a protrusion at each end thereof engaged with said recess; and, said groove being served for containing said lamp assembly and fastening said stack assembly, said counterpart of said engaging element being engaged with said engaging element of said supporting frame, and said protrusion being engaged with said recess of said supporting frame;

wherein said side fixing frame fastens said stack assembly and in combination with said optical film constitutes said backlight assembly module.

2. (Original) The backlight module of claim 1, wherein said groove of said side fixing frame is a U-shaped groove.

3. (Original) The backlight module of claim 1, wherein said groove of said fixing frame is a C-shaped groove.

4. (Original) The backlight module of claim 1, wherein said engaging element is a hook-type coupling element or a trench-type coupling element.

5. (Original) The backlight module of claim 1, wherein said engaging element is a protrusion or a recess structure.

6. (Currently Amended) A method for assembling a backlight module, comprising:
placing a reflecting plate on a supporting frame, ~~said supporting frame being provided with wherein said supporting frame includes~~ at least one engaging element and two opposite side walls with a recess at each end thereof, and said reflecting plate are placed between said side walls;

placing a light guiding plate on said reflecting plate;

disposing at least one lamp assembly at one side of said light guiding plate to form a stack assembly;

inserting at least a side fixing frame at [[the]] a side of said stack assembly where said lamp assembly is accommodated, wherein said side fixing frame ~~being provided with~~ includes a groove ~~for containing said lamp assembly and clamping said stack assembly,~~ at least one counterpart of said engaging element ~~engaged with said engaging element,~~ and a protrusion at each end thereof ~~engaged with said recess, said groove being served for~~ containing ~~said lamp assembly and fastening said stack assembly, said counterpart of said engaging element being engaged with said engaging element of said supporting frame, and~~ said protrusion ~~being engaged with said recess of said supporting frame;~~ and

placing at least one optical film on said light guiding plate to complete the assembling of said backlight assembly module.

7. (Original) The method of claim 6, wherein said groove of said side fixing frame has a U-shape configuration.

8. (Original) The method of claim 6, wherein said groove of said side fixing frame has a C-shaped configuration.

9. (Original) The method of claim 6, wherein said engaging element is a hook-type coupling element or a trench-type coupling element.

10. (Original) The method of claim 6, wherein said engaging element is a protrusion or a recess structure.

11. (Currently Amended) A method for assembling a backlight module, comprising:
placing a reflecting plate on a supporting frame, wherein said supporting frame ~~being provided with~~ includes at least one engaging element and two opposite side wall with a recess at each end thereof, and said reflecting plate are placed between said side walls;
placing a light guiding plate on said reflecting plate to form a stack assembly;
placing a lamp assembly in a groove of a side fixing frame, said side fixing frame including at least one counterpart of said engaging element and a protrusion at each end thereof;
inserting mounting said side fixing frame [[in]] on said stack assembly to clamp said stack assembly by said groove, said counterpart of said engaging element engaged with said engaging element of said supporting frame and said protrusions of said side fixing ~~frame~~ frame engaged with said recess of said supporting ~~frame~~ frame; and
placing at least one optical film on said light guiding plate to complete assembling of said backlight assembly module.

12. (Original) The method of claim 11, wherein said groove of said side fixing frame has a U-shape configuration.

13. (Original) The method of claim 11, wherein said groove of said side fixing frame has a C-shaped configuration.

14. (Original) The method of claim 11, wherein said engaging element is a hook-type coupling element or a trench-type coupling element.

15. (Original) The method of claim 11, wherein said engaging element is a protrusion or a recess structure.